

# Nebraska

## Science and Engineering Profile

	STATE	U.S.	Rank		STATE	U.S.	Rank
Doctoral scientists, 1995	2,587	453,928	36	Total R&D performance, 1995 (millions)	\$336	\$177,210	43
Doctoral engineers, 1995	327	86,738	42	Industry R&D, 1995 (millions)	\$150	\$130,332	43
S&E doctorates awarded, 1996	170	27,230	36	Academic R&D, 1996 (millions)	\$157	\$22,481	34
of which, in life sciences	43%	25%		of which, in life sciences	77%	56%	
in psychology	18%	13%		in engineering	10%	16%	
in social sciences	13%	15%		in environmental sciences	6%	6%	
S&E postdoctorates, 1996	160	37,019	33	Higher education current-fund expenditures, 1995 (millions)	\$1,397	\$182,602	35
in doctorate-granting institutions							
S&E graduate students, 1996	2,979	430,631	37	Number of SBIR awards, 1990-1997	47	31,155	41
in doctorate-granting institutions				Patents issued to state residents, 1997	164	61,699	40
Population, 1997 (000s)	1,657	271,464	39	Gross state product, 1996 (billions)	\$47.2	\$7,677.4	37
Civilian labor force, 1997 (000s)	906	137,564	36	of which, agriculture	9%	2%	
Personal income per capita, 1997	\$23,803	\$25,598	28	manufacturing, mining, construction	19%	23%	
Federal spending				transportation, communication, utilities	10%	8%	
Total expenditures, 1997 (millions)	\$7,809	\$1,405,060	40	wholesale and retail trade	16%	16%	
R&D obligations, 1996 (millions)	\$89	\$66,087	43	finance, insurance, real estate	15%	19%	
				services	17%	20%	
				government	14%	12%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

## Federal Obligations for Research and Development by Agency and Performer: Fiscal Year 1996

[Thousands of Dollars]

	Total	Federal Intramural	All FFRDCs	Industrial firms	Universities & Colleges	Other nonprofits	State & local government	State rank
<b>Total, all agencies</b>	88,762	21,114	0	12,601	48,525	5,595	927	43
Department of Agriculture	24,533	16,867	0	0	7,666	0	0	19
Department of Commerce	241	0	0	0	0	0	241	46
Department of Defense	17,561	1,179	0	11,362	5,020	0	0	40
Department of Energy	897	0	0	0	897	0	0	48
Dept. of Health & Human Services	28,385	4	0	653	21,912	5,595	221	39
Department of Interior	3,250	3,064	0	0	186	0	0	38
Department of Transportation	559	0	0	62	32	0	465	45
Environmental Protection Agency	0	0	0	0	0	0	0	na
Nat'l Aeronautics & Space Admin.	1,112	0	0	60	1,052	0	0	46
National Science Foundation	12,224	0	0	464	11,760	0	0	32
<b>State rank</b>	43	44	na	42	38	36	38	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable